

**To:** Caporale, Cynthia[Caporale.Cynthia@epa.gov]  
**From:** Nguyen, Hoang  
**Sent:** Tue 2/11/2014 7:45:11 PM  
**Subject:** Crude MCHM Vapor  
[Air\\_1001010-01\\_vapor.pdf](#)

Cindy,

Attached is the quantitation report for the crude CMHM vapor. Since it was done in the hood of G206, I  
**Ex. 5 - Deliberative** The TICs include pentane, methylcyclohexane, methylenecyclohexane, dimethyl cyclohexane, dimethyl cyclohexene, 4-heptanone, 2,6-dimethyl-, 4MCHM isomers and a few other unknowns. The PPH could not be detected; chemical literature indicate very low partition coefficient in air for this compound. I'll take another sample tomorrow after bringing it up to room temperature in the F203 hood to provide additional data.

Hoang

-----Original Message-----

From: Caporale, Cynthia  
Sent: Monday, February 10, 2014 10:04 AM  
To: Nguyen, Hoang  
Cc: Warner, Sue; Curry, John; Poff, Kevin  
Subject: FW: **Ex. 5 - Deliberative**

Hoang,

**Ex. 5 - Deliberative**

**Ex. 5 - Deliberative**

**Ex. 5 - Deliberative**

Cindy

-----Original Message-----

From: Kelly, Jack (R3 Phila.)  
Sent: Monday, February 10, 2014 9:35 AM  
To: Caporale, Cynthia  
Subject: Fw: **Ex. 5 - Deliberative**

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From: Singhvi, Raj  
Sent: Monday, February 10, 2014 8:37:15 AM  
To: Kelly, Jack (R3 Phila.)  
Subject: RE: **Ex. 5 - Deliberative**

## Ex. 5 - Deliberative

-----Original Message-----

From: Kelly, Jack (R3 Phila.)

Sent: Monday, February 10, 2014 8:30 AM

To: Werner, Lora; Markiewicz, Karl; Helverson, Robert; Burns, Francis; Singhvi, Raj; Arguto, William; Wisniewski, Patti-Kay

Subject: Fw: School summas ??

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From: Nguyen, Hoang

Sent: Monday, February 10, 2014 7:36:13 AM

To: Kelly, Jack (R3 Phila.); Caporale, Cynthia; Matlock, Dennis

Cc: Poff, Kevin; Warner, Sue

Subject: RE: School summas ??

Good Morning Jack,

At this point we are only aware of detecting MCHM in water/soil by semivolatile GC/MS (8270). I've talked to Restek about getting the standards in air but they don't have them. We would need to have

## Ex. 5 - Deliberative

As Cindy mentioned before, we took an air sample in one of our receiving lab where MCHM was briefly stored but the instrument did not detect any MCHM (there was only a very faint trace of licorice smell when the air sample was taken; therefore nothing much could be deducted from that quick experiment).

We'll continue to stay in touch with Restek on this subject matter and inform Cindy of any development.

Hoang Nguyen

410-305-2707

Sent: Friday, February 07, 2014 4:05 PM

To: Caporale, Cynthia; Matlock, Dennis

Cc: Nguyen, Hoang; Poff, Kevin; Warner, Sue

Subject: RE: School summas ??

Thanks, Cindy. Will wait to hear back from Hoang.

Dennis, I was with **Ex. 4 - CBI** two weeks ago in South Philly at Ruth's VI site.

I think ....not sure....he is with "his" TAGA bus is in Arizona or New York.....and I don't know the status of the other two (I think one is being repaired).

If you think we should try to get him there....assuming he could do this..... we'll likely need to ask Fran or Dave to make a request to **Ex. 4 - CBI**

We can talk if you want.... call anytime.

Jack Kelly  
On Scene Coordinator  
EPA Region III, Philadelphia  
215-514-6792 (cell)  
215-814-3112 (office)

-----Original Message-----

From: Caporale, Cynthia  
Sent: Friday, February 07, 2014 3:53 PM  
To: Matlock, Dennis; Kelly, Jack (R3 Phila.)  
Cc: Nguyen, Hoang; Poff, Kevin; Warner, Sue  
Subject: RE: School summas ??

Hi All,

# Ex. 5 - Deliberative

Cindy

-----Original Message-----

From: Matlock, Dennis  
Sent: Friday, February 07, 2014 3:27 PM  
To: Kelly, Jack (R3 Phila.); Caporale, Cynthia  
Subject: Re: School summas ??

Thanks.... Any advice would help.

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From: Kelly, Jack (R3 Phila.)  
Sent: Friday, February 07, 2014 3:24:57 PM  
To: Caporale, Cynthia  
Cc: Matlock, Dennis  
Subject: FW: School summas ??

Cindy,

Sorry to bother you so late on Friday.

Dennis just contacted me..... He is wondering if MCHM, (maybe PPH?) **Ex. 5 - Deliberative**  
The WVDEP is trying to allay fears, probably will get some **Ex. 5 - Deliberative**

## Ex. 5 - Deliberative

# Ex. 5 - Deliberative

Jack

Jack Kelly  
On Scene Coordinator  
EPA Region III, Philadelphia  
215-514-6792 (cell)  
215-814-3112 (office)

-----Original Message-----

From: Matlock, Dennis  
Sent: Friday, February 07, 2014 3:18 PM  
To: Kelly, Jack (R3 Phila.)  
Subject: Re: School summas?

Pass to Cindy if you can. Thx...

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From: Kelly, Jack (R3 Phila.)  
Sent: Friday, February 07, 2014 3:12:57 PM  
To: Matlock, Dennis  
Subject: RE: School summas

Den,

**Ex. 5 - Deliberative**

Can also contact Cindy.

**Ex. 5 - Deliberative**

Jack Kelly  
On Scene Coordinator  
EPA Region III, Philadelphia  
215-514-6792 (cell)  
215-814-3112 (office)

-----Original Message-----

From: Matlock, Dennis  
Sent: Friday, February 07, 2014 3:02 PM

To: Kelly, Jack (R3 Phila.)  
Subject: School summas

# Ex. 5 - Deliberative